AMENDMENTS TO THE CLAIMS

WHAT IS CLAIMED IS:

1.   (Canceled.)

2.   (Canceled.)

3.   (Canceled.)

4.   (Canceled.)

5.   (Canceled.)

6.   (Previously presented.) A method for controlling transmission power of a downlink signal which is transmitted in frames from a base station to a mobile station depending on a base station selection signal, wherein the mobile station selects at least one primary base station among a plurality of base stations which are connected to the mobile station for soft handover to produce the base stations selection signal designating said at least on primary base station, wherein an uplink signal including the base station selection signal is transmitted in frames to the base stations, the method comprising the steps of:

at each of the base stations,

a) receiving the uplink signal including the base station selection signal from the mobile station;

b) determining a transmission power update timing so that the downlink signal received at the mobile station changes in transmission power at a predetermined timing synchronized with that of other base stations; and

c) when reaching the transmission power update timing, setting the transmission power of the downlink signal to a selected one of a normally controlled level and a minimum level depending on the base station selection signal.

7.	(Previously presented.)The method according to claim 6, wherein each frame of the uplink signal and the downlink signal is composed of a plurality of time slots which are numbered consecutively, wherein the transmission power update timing in each of the base stations is represented by a number of same time slot.

8.	(Previously presented.) The method according to claim 7, wherein the time slot number indicating the transmission power update timing is determined by delaying a receiving time of the base station selection signal by an amount of time determined so that the downlink signal received at the mobile station changes in transmission power at same timing.

9.	(Previously presented.) The method according to claim 7, wherein the time slot number indicating the transmission power update timing is determined by

$$(j + Tos) \bmod Fn,$$

where j is the number of a time slot indicating a last portion of the base station selection signal, Tos is waiting time for transmission power update, Fn is number of slots included in one frame, and *mod* is an operator whose result is the remainder of a division operation.

10.	(Previously presented.) The method according to claim 9, wherein the waiting time Tos varies depending on a propogation delay between the base station and the mobile station.

11.	(Previously presented.) The method according to claim 9, wherein the waiting time Tos varies depending on the time slot number j.

12.	(Canceled.)

13.	(Canceled.)

14.	(Canceled.)

15.	(Canceled.)

16.	(Canceled.)

17.	(Previously presented.) A device for controlling transmission power of a downlink signal which is transmitted in frames from a base station to a mobile station depending on a base station selection signal, wherein the mobile station selects at least one primary base station among a plurality of base stations which are connected to the mobile station for soft handover to produce the base station selection signal designating said at least one primary base station, wherein an uplink signal including the base station selection signal is transmitted in frames to the base stations, the device comprising:

a receiver for receiving the uplink signal including the base station selection signal from the mobile station; and

a controller for controlling the transmission power of the downlink signal to the mobile station by

determining a transmission power update timing so that the downlink signal received at the mobile station changes in transmission power at a predetermined timing synchronized with that of other base stations; and

when reaching the transmission power update timing, setting the transmission power of the downlink signal to a selected one of a normally controlled level and a minimum level depending on the base station selection signal.

18.   (Previously presented.) The device according to claim 17, wherein each frame of the uplink signal and the downlink signal is composed of a plurality of time slots which are numbered consecutively, wherein the transmission power update timing in each of the base stations is represented by a number of same time slot.

19.   (Previously presented.) The device according to claim 18, wherein the time slot number indicating the transmission power update timing is determined by delaying a receiving time of the base station selection signal by an amount of time determined so that the downlink signal received at the mobile station changes in transmission power at same timing.

20.   (Previously presented.) The device according to claim 18, wherein the time slot number indicating the transmission power update timing is determined by

$$(j + Tos) \; mod \; Fn,$$

wherein j is number of time slot indicating a last portion of the base station selection signal, Tos is waiting time for transmission power update, Fn is number of slots included in one frame, and *mod* is an operator whose result is the remainder of a division operation.

21.   (Previously presented.) The device according to claim 20, wherein the waiting time Tos varies depending on a propogation delay between the base station and the mobile station.

22.   (Previously presented.) The device according to claim 20, wherein the waiting time Tos varies depending on the time slot number j.